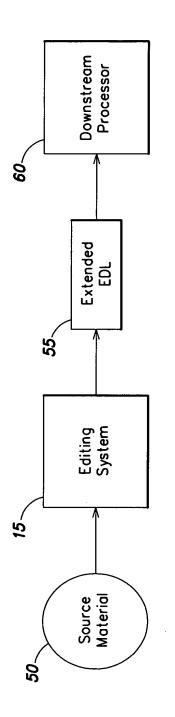


-34 11111 Ш 22 15 20 Computer 30--28 Edit Storage Controller -24 26-CPU Memory *32*~ Printer

FIG. 1A

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Title: EDIT DECISION LIST FOR IDENTIFYING THE PULL
DOWN PHASE OF A VIDEO SIGNAL
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DOWN PHASE OF A VIDEO SIGNAL
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01: 00: 05: 00	01:00:04:15	00: 00: 00: 15	00:00:00:00	008 BL IV W113 015
01:00:04:15	01:00:04:15	06: 03: 19: 11	06: 03: 19: 11	008 055 V C
01:00:04:15	01:00:04:01	06: 03: 19: 11	06: 03: 18: 27	007 055 V C
01:00:04:01	01:00:03:00	06: 42: 13: 05	06: 42: 12: 04	006 055 V C
01:00:03:00	01:00:02:15	06: 42: 29: 15	06: 42: 29: 00	005 055 V C
				*Freeze Frame
			06: 41: 55: 00	M2 055 000.0
01:00:02:15	01:00:02:00	06: 41: 55: 15	06: 41: 55: 00	004 055 V C
01: 00: 02: 00	01:00:01:00	06: 46: 26: 03	06: 46: 25: 03	003 055 V C
01:00:01:00	01: 00: 00: 00	06: 46: 57: 25	06: 46: 56: 25	002 055 V D 015
				FCM: Drop Frame
01: 00: 00: 00	01: 00: 00: 00	00:00:00:00	00:00:00:00	002 BL V C
				FCM: Non-Drop Frame
01: 00: 05: 00	01: 00: 00: 00	06: 03: 23: 27	06: 03: 18: 27	001 055 A C
				FCM: Drop Frame
				FCM: Non-Drop Frame
				litle: Visual EDL

USSIN U9/528,786 Filed: 03/17/2000
Title: EDIT DECISION LIST FOR IDENTIFYING THE PULL DOWN PHASE OF A VIDEO SIGNAL Docket No.: A00002 Sheet 4 of 12

3.	20	310	
Timecode	Field	"A" Start Pulldown Phase	"B" Start Pulldown Phase
01: 00: 00: 00	.1	A1	B1
01: 00: 00: 00	.2	A2	B2
01: 00: 00: 01	.1	B1	B3
01: 00: 00: 01	.2	B2	C1
01: 00: 00: 02	.1	B3	C2
01: 00: 00: 02	.2	C1	D1
01: 00: 00: 03	.1	C2	D2
01: 00: 00: 03	.2	D1	D3
01: 00: 00: 04	.1	D2	A1
01: 00: 00: 04	.2	D3	A2

FIG. 3A

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Title: EDIT DECISION LIST FOR IDENTIFYING THE PULL
DOWN PHASE OF A VIDEO SIGNAL
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		Film	Pull	Pull
Timecode	Field	Frame	Down	Down
			(1)	(2)
		1	A1	(2) A
: 00	<u>1</u> 2	1	A1 A2	A
100	<u>Z</u>	2	A2 A3	A B
: 01	2	2	A3	<u> </u>
:02	1	2 3	A4 A5	B C
:02	2	3	A6	<del>C</del>
:03	1	4	A7	Ď
:03	2	4	A8	Ď
:04	1	5	A9	F
:04	2	5	A10	E E F
:05	1	6	A11	F
: 05	2	6	A12	F
:06	1	7	A13	G
: 06	2	7	A14	Ğ
:07	1	8	A15	Ĥ
:07	2	8	A16	Н
: 08	1	9	A17	1
: 08	2	9	A18	l
: 09	1	.10	A19	J
: 09	2	10	A20	J
:10	11	11	A21 A22	K
:10	2	11	A22	K
: 11	1	12	l B1	L
: 11	2	12 12	B2 B3	L
:12	1	12	B3	L
:12	2	12 13 13	<u>C1</u>	М
:13	1	13	C1 C2 C3	М
:13	2	14	<u>C3</u>	N
:14	<u> </u>	14	C4 C5	N
:14	2	15	<u>C5</u>	0
:14	1	15	<u>C6</u>	0
:14	2	16	C7	Р
:16	1	16	C8	Р
:16	2	17	C9	Q
:17	1	17	C10	QC
:17	2	18	C11	R
10	1	10	C12 C13	<u>K</u>
:18 :18 :19 :19 :20 :20 :21 :21 :22 :22 :23	<u>2</u> 1	18 19 19 20 20 21 21 22 22 23 23 23 24 24	C14	R   S   S   T   T
19	<u> </u>	19	C15	<del></del>
19	2 1 2 1 2 1 2 1 2	20	C14 C15 C16 C17	T
. 20	2	21	C17	U
. 20	1	21	C12	U
. 21	2	22	C10	V
.22	<u>∠</u> 1	22	C20	
. 22	2	27	C21	<del>- w</del>
. 22	<u>_</u>	23 23	C22	W
1.23	2	24	C18 C19 C20 C21 C22 D1 D2 D3	W W X X
. 24	1	24	D2	Ŷ
: 24 : 24	2	24	D 3	Ŷ

DOWN PHASE OF A VIDEO SIGNAL Docket No.: A00002 She

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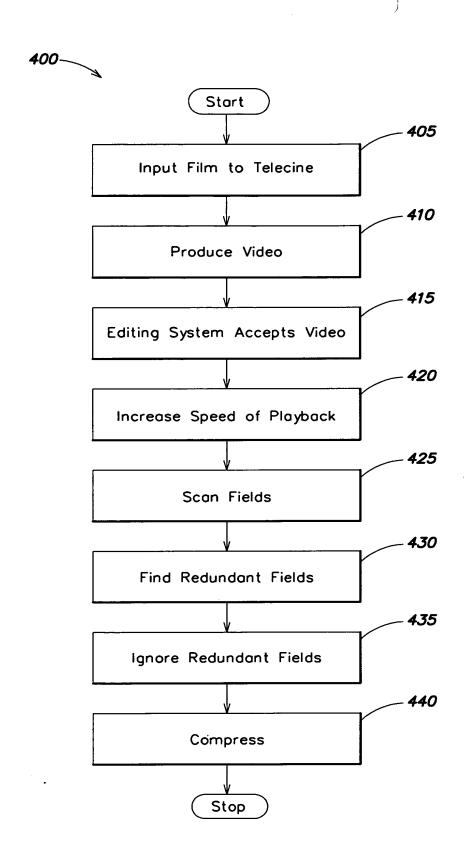
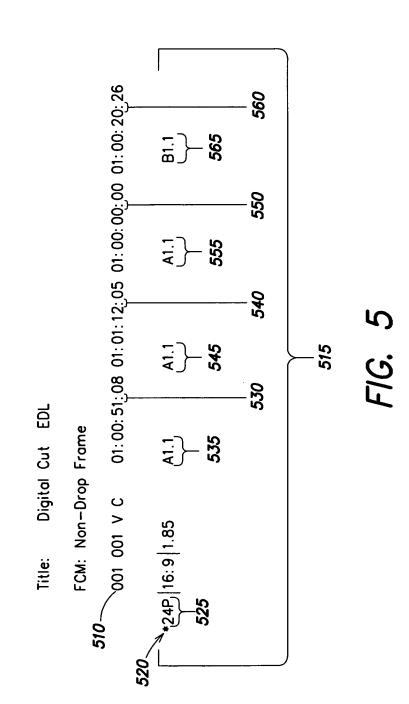


FIG. 4

USSN 09/528,786 Filed: 03/17/2000
Title: EDIT DECISION LIST FOR IDENTIFYING THE PULL
DOWN PHASE OF A VIDEO SIGNAL

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Docket No.: A00002

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Digital Cut EDL

Title: Digital Cut EDL FCM: Non-Drop Frame

001 001 V	С	01: 00: 51: 08 01: 01: 12: 05 01: 00: 00: 00 01: 00: 20: 26
*24P 16:9 1.85		A1.1 A1.1 A1.1 B1.1
002 001 V	С	01: 02: 11: 07
*24P 16:9 1.85		D2.1 D2.1 B1.1 C2.1
003 001 V	С	01: 03: 23: 18 01: 04: 10: 19 01: 00: 38: 18 01: 01: 25: 19
*24P 16:9 1.85		C2.1 C2.1 C2.1 D2.1
004 001 V	С	01: 04: 57: 19 01: 05: 26: 08 01: 01: 25: 19 01: 01: 54: 05
*24P 16:9 1.85		D2.1 D2.1 D2.1 A1.1
005 253 V	С	02: 01: 30: 19 02: 02: 09: 04 01: 01: 54: 05 01: 02: 32: 16
*24P 16:9 4:3		D2.1 D2.1 A1.1 B1.1
006 253 V	С	02: 03: 07: 04 02: 03: 39: 02 01: 02: 32: 16 01: 03: 04: 13
*24P 16:9 4:3		A1.1 A1.1 B1.1 C2.1
007 253 V	С	02: 04: 44: 18 02: 05: 16: 11 01: 03: 04: 13 01: 03: 36: 04
*24P 16:9 4:3		B3.1 B3.1 C2.1 D2.1
008 253 V	С	02: 05: 59: 06 02: 06: 38: 15 01: 03: 36: 04 01: 04: 15: 15
*24P 16:9 4:3		C2.1 C2.1 D2.1 A1.1
009 252 V	С	03: 01: 21: 02
*24P 16:9 4:3		B3.1 B3.1 A1.1 B1.1
010 252 V	С	03: 02: 24: 10 03: 02: 44: 08 01: 04: 36: 06 01: 04: 56: 03
*24P 16:9 4:3		C2.1 C2.1 B1.1 C2.1
011 252 V	С	03: 03: 36: 20 03: 04: 05: 09 01: 04: 56: 03 01: 05: 24: 19
*24P 16:9 4:3		A1.1 A1.1 C2.1 D2.1
012 252 V	С	03: 04: 50: 05  03: 05: 37: 06  01: 05: 24: 19  01: 06: 11: 20
*24P 16:9 4:3		B1.1 B1.1 D2.1 A1.1
013 251 V	С	04: 06: 57: 05 04: 07: 36: 14 01: 06: 11: 20 01: 06: 51: 01
*24P 16:9 4:3		B1.1 B1.1 A1.1 B1.1
014 251 V	С	04: 02: 24: 14 04: 04: 12: 00 01: 06: 51: 01 01: 08: 38: 13
*24P 16:9 4:3		B3.1 B3.1 B1.1 C2.1
015 251 V	С	04: 04: 58: 23 04: 06: 01: 08 01: 08: 38: 13 01: 09: 40: 24
*24P 16:9 4:3		D2.1 D2.1 C2.1 D2.1
016 251 V	С	04: 06: 55: 00 04: 08: 07: 06 01: 09: 40: 24 01: 10: 53: 01
*24P 16:9 4:3		A1.1 A1.1 D2.1 B1.1

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Pulldown EDL

Title: Pulldown EDL FCM: Non-Drop Frame

001 001 V	С	01: 00: 51: 10  01: 01: 12: 06  01: 00: 00: 00  01: 00: 20: 26
*24P 16:9 16:9		A1.1 A1.1 A1.1 B1.1
002 001 V	С	01: 02: 11: 09
*24P 16:9 16:9		D2.1 D2.1 B1.1 C2.1
003 001 V	С	01: 03: 23: 23 01: 04: 10: 24 01: 00: 38: 18 01: 01: 25: 19
*24P 16:9 16:9		C2.1 C2.1 C2.1 D2.1
004 001 V	С	01: 04: 57: 24 01: 05: 26: 10 01: 01: 25: 19 01: 01: 54: 05
*24P 16:9 16:9		D2.1 D2.1 D2.1 A1.1
005 253 V	С	02: 01: 30: 24 02: 02: 09: 05 01: 01: 54: 05 01: 02: 32: 16
*24P 16:9 16:9		D2.1 D2.1 A1.1 B1.1
006 253 V	С	02: 03: 07: 05 02: 03: 39: 02 01: 02: 32: 16 01: 03: 04: 13
*24P 16:9 16:9		A1.1 A1.1 B1.1 C2.1
007 253 V	С	02: 04: 44: 23 02: 05: 16: 14 01: 03: 04: 13 01: 03: 36: 04
*24P 16:9 16:9		B3.1 B3.1 C2.1 D2.1
008 253 V	С	02: 05: 59: 08 02: 06: 38: 19 01: 03: 36: 04 01: 04: 15: 15
*24P 16:9 16:9		C2.1 C2.1 D2.1 A1.1
009 252 V	С	03: 01: 21: 03
*24P 16:9 16:9		B3.1 B3.1 A1.1 B1.1
010 252 V	С	03: 02: 24: 13 03: 02: 44: 10 01: 04: 36: 06 01: 04: 56: 03
*24P 16:9 16:9		C2.1 C2.1 B1.1 C2.1
011 252 V	С	03: 03: 36: 25 03: 04: 05: 11 01: 04: 56: 03 01: 05: 24: 19
*24P   16: 9   16: 9		A1.1 A1.1 C2.1 D2.1
012 252 V	С	03: 04: 50: 06  03: 05: 37: 07  01: 05: 24: 19  01: 06: 11: 20
*24P 16:9 16:9		B1.1 B1.1 D2.1 A1.1
013 251 V	С	04: 06: 57: 06  04: 07: 36: 17  01: 06: 11: 20  01: 06: 51: 01
*24P 16:9 16:9		B1.1 B1.1 A1.1 B1.1
014 251 V	С	04: 02: 24: 18 04: 04: 12: 00 01: 06: 51: 01 01: 08: 38: 13
*24P   16: 9   16: 9		B3.1 B3.1 B1.1 C2.1
015 251 V	С	04: 04: 58: 29 04: 06: 01: 10 01: 08: 38: 13 01: 09: 40: 24
*24P 16:9 16:9		D2.1 D2.1 C2.1 D2.1
016 251 V	C	04: 06: 55: 00 04: 08: 07: 07 01: 09: 40: 24 01: 10: 53: 0
		A1.1 A1.1 D2.1 B1.1

Mixed Sources EDL

Title: Mixed

FCM: Non-Drop Frame

001 001 V	С	01: 00: 51: 10
*30i   16: 9   16: 9		
002 001 V	С	01: 02: 11: 09
*30i 16:9 16:9		
003 001 V	С	01: 03: 23: 23
*30i 16:9 16:9		
004 001 V	С	01: 04: 57: 24 01: 05: 26: 10 01: 01: 25: 19 01: 01: 54: 05
	C	01.04.37.24 01.03.20.10 01.01.23.19 01.01.34.03
*30i 16:9 16:9	_	00 04 70 04 00 00 00 05 04 04 54 05 04 00 70 40
005 253 V	С	02: 01: 30: 24 02: 02: 09: 05 01: 01: 54: 05 01: 02: 32: 16
*24P  4: 3 1.85		D2.1 D2.1 A1.1 B1.1
006 253 V	С	02: 03: 07: 05
*24P  4: 3   1.85		A1.1 A1.1 B1.1 C2.1
007 253 V	С	02: 04: 44: 23 02: 05: 16: 14 01: 03: 04: 13 01: 03: 36: 04
*24P 4:3 1.85		B3.1 B3.1 C2.1 D2.1
008 253 V	С	02: 05: 59: 08 02: 06: 38: 19 01: 03: 36: 04 01: 04: 15: 15
*24P  4: 3 1.85		C2.1 C2.1 D2.1 A1.1
009 252 V	С	03: 01: 21: 03 03: 01: 41: 24 01: 04: 15: 15 01: 04: 36: 06
*24P  4: 3 1.85	•	
		RTI RTI ATT RTI
· · · · · · · · · · · · · · · · · · ·	_	B3.1 B3.1 A1.1 B1.1
010 252 V	С	B3.1 B3.1 A1.1 B1.1 O3: 02: 24: 13 O3: 02: 44: 10 O1: 04: 36: 06 O1: 04: 56: O3
010 252 V *30P 4:3 1.85		03: 02: 24: 13 03: 02: 44: 10 01: 04: 36: 06 01: 04: 56: 03
010 252 V *30P 4:3 1.85 011 252 V	c c	
010 252 V *30P 4:3 1.85 011 252 V *30P 4:3 1.85	С	03: 02: 24: 13
010 252 V *30P 4:3 1.85 011 252 V		03: 02: 24: 13 03: 02: 44: 10 01: 04: 36: 06 01: 04: 56: 03
010 252 V *30P 4:3 1.85 011 252 V *30P 4:3 1.85	С	03: 02: 24: 13
010 252 V *30P 4:3 1.85 011 252 V *30P 4:3 1.85 012 252 V	С	03: 02: 24: 13
010 252 V *30P 4:3 1.85 011 252 V *30P 4:3 1.85 012 252 V *30P 4:3 1.85	C C	03: 02: 24: 13  03: 02: 44: 10  01: 04: 36: 06  01: 04: 56: 03   03: 03: 36: 25  03: 04: 05: 11  01: 04: 56: 03  01: 05: 24: 19   03: 04: 50: 06  03: 05: 37: 07  01: 05: 24: 19  01: 06: 11: 20
010 252 V *30P 4:3 1.85 011 252 V *30P 4:3 1.85 012 252 V *30P 4:3 1.85 013 251 V	C C	03: 02: 24: 13 03: 02: 44: 10 01: 04: 36: 06 01: 04: 56: 03 03: 03: 03: 36: 25 03: 04: 05: 11 01: 04: 56: 03 01: 05: 24: 19 03: 04: 50: 06 03: 05: 37: 07 01: 05: 24: 19 01: 06: 11: 20 04: 06: 57: 06 04: 07: 36: 17 01: 06: 11: 20 01: 06: 51: 01 B1.1 B1.1 B1.1 B1.1
010 252 V *30P 4:3 1.85 011 252 V *30P 4:3 1.85 012 252 V *30P 4:3 1.85 013 251 V *24P 4:3 2.35 014 251 V	C C	03: 02: 24: 13 03: 02: 44: 10 01: 04: 36: 06 01: 04: 56: 03 03: 03: 36: 25 03: 04: 05: 11 01: 04: 56: 03 01: 05: 24: 19 03: 04: 50: 06 03: 05: 37: 07 01: 05: 24: 19 01: 06: 11: 20 04: 06: 57: 06 04: 07: 36: 17 01: 06: 11: 20 01: 06: 51: 01 B1.1 B1.1 A1.1 B1.1 04: 02: 24: 18 04: 04: 12: 00 01: 06: 51: 01 01: 08: 38: 13
010 252 V *30P 4:3 1.85 011 252 V *30P 4:3 1.85 012 252 V *30P 4:3 1.85 013 251 V *24P 4:3 2.35 014 251 V *24P 4:3 2.35	с с с	03: 02: 24: 13 03: 02: 44: 10 01: 04: 36: 06 01: 04: 56: 03 03: 03: 36: 25 03: 04: 05: 11 01: 04: 56: 03 01: 05: 24: 19 03: 04: 50: 06 03: 05: 37: 07 01: 05: 24: 19 01: 06: 11: 20 04: 06: 57: 06 04: 07: 36: 17 01: 06: 11: 20 01: 06: 51: 01 B1.1 B1.1 A1.1 B1.1 04: 02: 24: 18 04: 04: 12: 00 01: 06: 51: 01 01: 08: 38: 13 B3.1 B3.1 B1.1 C2.1
010 252 V *30P 4:3 1.85 011 252 V *30P 4:3 1.85 012 252 V *30P 4:3 1.85 013 251 V *24P 4:3 2.35 014 251 V *24P 4:3 2.35 015 251 V	C C	03: 02: 24: 13 03: 02: 44: 10 01: 04: 36: 06 01: 04: 56: 03 03: 03: 36: 25 03: 04: 05: 11 01: 04: 56: 03 01: 05: 24: 19 03: 04: 50: 06 03: 05: 37: 07 01: 05: 24: 19 01: 06: 11: 20 04: 06: 57: 06 04: 07: 36: 17 01: 06: 11: 20 01: 06: 51: 01 B1.1 B1.1 A1.1 B1.1 04: 02: 24: 18 04: 04: 12: 00 01: 06: 51: 01 01: 08: 38: 13 B3.1 B3.1 B1.1 C2.1 04: 04: 58: 29 04: 06: 01: 10 01: 08: 38: 13 01: 09: 40: 24
010 252 V *30P 4:3 1.85 011 252 V *30P 4:3 1.85 012 252 V *30P 4:3 1.85 013 251 V *24P 4:3 2.35 014 251 V *24P 4:3 2.35 015 251 V *24P 4:3 2.35	C C C C	03: 02: 24: 13 03: 02: 44: 10 01: 04: 36: 06 01: 04: 56: 03 03: 03: 36: 25 03: 04: 05: 11 01: 04: 56: 03 01: 05: 24: 19 03: 04: 50: 06 03: 05: 37: 07 01: 05: 24: 19 01: 06: 11: 20 04: 06: 57: 06 04: 07: 36: 17 01: 06: 11: 20 01: 06: 51: 01 B1.1 B1.1 A1.1 B1.1 04: 02: 24: 18 04: 04: 12: 00 01: 06: 51: 01 01: 08: 38: 13 B3.1 B3.1 B1.1 C2.1 04: 04: 58: 29 04: 06: 01: 10 01: 08: 38: 13 01: 09: 40: 24 D2.1 D2.1 C2.1 D2.1
010 252 V *30P 4:3 1.85 011 252 V *30P 4:3 1.85 012 252 V *30P 4:3 1.85 013 251 V *24P 4:3 2.35 014 251 V *24P 4:3 2.35 015 251 V	с с с	03: 02: 24: 13 03: 02: 44: 10 01: 04: 36: 06 01: 04: 56: 03 03: 03: 36: 25 03: 04: 05: 11 01: 04: 56: 03 01: 05: 24: 19 03: 04: 50: 06 03: 05: 37: 07 01: 05: 24: 19 01: 06: 11: 20 04: 06: 57: 06 04: 07: 36: 17 01: 06: 11: 20 01: 06: 51: 01 B1.1 B1.1 A1.1 B1.1 04: 02: 24: 18 04: 04: 12: 00 01: 06: 51: 01 01: 08: 38: 13 B3.1 B3.1 B1.1 C2.1 04: 04: 58: 29 04: 06: 01: 10 01: 08: 38: 13 01: 09: 40: 24

sedneuce
frame
24
Title:

FCM: Non-Drop Frame

00	VT084	>	ပ	04: 06: 07: <u>22.2</u> C1	04: 06: 11: 23.2 D1	01: 00: 00: 00: 1 A1 01: 00: 04: 01:1 B1
002	VT082	>	ပ	02: 25: 46: 01.1 B1	02: 25: 57: <u>02.2</u> C1	01:00:04:01.1 B1 01:00:15:02.2 C1
003	VT082	>	ပ	02: 27: 24: <u>22.2</u> C1	02: 27: 27: 23.2 01	01:00:15:02.2 C1 01:00:18:03.2 D1
004	VT082	>	ပ	02: 26: 00: 01.1 B1	02: 26: 05: <u>01.1</u> B1	01:00:18:03.2 DI 01:00:23:05.1 A1
900	VT082	>	ပ	02: 27: 33: 06.1 B1	02: 27: 37: <u>06.1</u> B1	01: 00: 23: 05.1 A1 01: 00: 27: 06.1 B1
900	VT082	>	ပ	02: 26: 10: 21.1 B1	02: 26: 16: <u>22.2</u> C2	01: 00: 27: 06.1 B1 01: 00: 33: <u>07.2</u> C1
007	VT082	>	ပ	02: 01: 52: 03.2 D1	02:01:57:05.1 A1	01:00:33:07.2 C1 01:00:38:08.2 D1
800	VT082	>	ပ	02: 29: 31: 13.2 D1	02: 29: 33: 15.1 A1	01:00:38:08.2 D1 01:00:40:10.1 A1
600	VT082	>	ပ	02: 03: 58: 00.1 A1	02; 04; 06; 21.1 B1	02: 03: 58: 00.1 A1 02: 04: 06: 21.1 B1 01: 00: 40: 10.1 A1 01: 00: 49: 01.1 B1

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Title: EDIT DECISION LIST FOR IDENTIFYING THE PULL
DOWN PHASE OF A VIDEO SIGNAL
Docket No.: A00002 Sheet 12 of 12

Title: 24 frame sequence

FCM: Non-Drop Frame

001	VT084	>	ပ	04: 06: 07: <u>22.2</u> C1	04: 06: 11: <u>23.2</u> D1	01: 00: 00: 00: 1 A1 01: 00: 04: 01.1 B1
002	VT082	>	ပ	02: 25: 46: 01.1 B1	02: 25: 57: <u>02.2</u> C1	01:00:04:01.1 B1 01:00:15:02.2 C1
003	VT082	>	ပ	02: 27: 24: <u>22.2</u> C1	02: 27: 27: <u>23.2</u> D1	01: 00: 15: 02.2 C1 01: 00: 18: 03.2 D1
004	VT082	>	ပ	02: 26: 00: 01.1 B1	02: 26: 05: <u>01.1</u> B1	01: 00: 18: 03.2 DI 01: 00: 23: 05.1 A1
005	VT082	>	ပ	02: 27: 33: 06.2 B2	02: 27: 33: 06.2 B2 02: 27: 37: <u>06.1</u> B1	01: 00: 23: 05.1 A1 01: 00: 27: 06.1 B1
900	VT082	>	ပ	02: 26: 10: 21.1 B1	02: 26: 10: 21.1 B1 02: 26: 16: 22.2 C2	01:00:27:06.1 B1 01:00:33:07.2 C1
007	VT082	>	ပ	02: 01: 52: 04.1 D2	02: 01: 57: 05.1 A1	01:00:33:07.2 C1 01:00:38:08.2 D1
900	VT082	>	ပ	02: 29: 31: 13.2 D1	02: 29: 33: 15.1 A1	01: 00: 38: 08.2 D1 01: 00: 40: 10.1 A1
600	VT082	>	ပ	02: 03: 58: 00.1 A1	02: 04: 06: 21.1 B1	01:00:40:10.1 A1 01:00:49:01.1 B1